

Marshall: This is what has been  
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The University of Texas Health Science Center at San Antonio invites you to

## The Annual Ewing Halsell Lecture

Monday, December 6, 1982

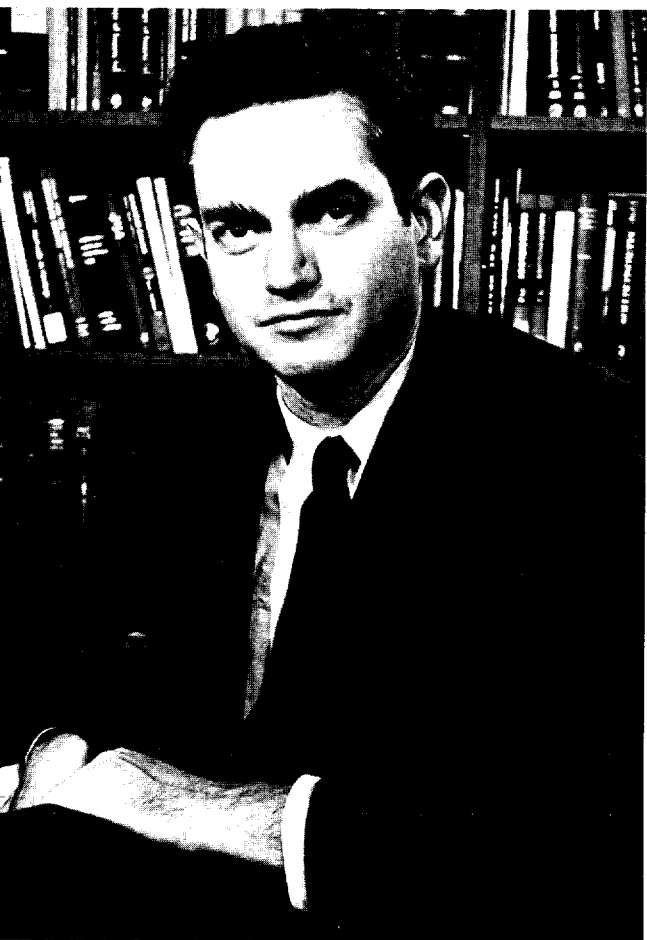
4 p.m., room 3.104A (new lecture hall building)

San Antonio  
so far  
1) pick you up  
2) dinner  
Hotel

# Synapse Plasticity

3) work  
spaghetti.

Concise



delivered by

### Marshall W. Nirenberg, Ph.D.

1968 Nobel Laureate in Physiology or Medicine  
Chief, Laboratory of Biochemical Genetics,  
National Heart, Lung and Blood Institute,  
National Institutes of Health,  
Bethesda, Maryland

Dr. Nirenberg, along with Drs. Robert W. Holley and Har Gobind Khorana, was awarded the 1968 Nobel Prize in Physiology or Medicine for their interpretation of the genetic code and its function in protein synthesis. Dr. Nirenberg in 1961, using a simple nucleic acid composed of a chain of repeating uridylic acid molecules was able *in vitro* to produce a protein which contained only the amino acid phenylalanine. This experiment deciphered the first element in the code, and in less than five years through his efforts and the efforts of Dr. Khorana, all the details of the genetic code were established. This work without question will remain one of the greatest landmarks in the history of biology.

The Ewing Halsell Annual Lectureship is made possible by a gift to The University of Texas Health Science Center at San Antonio by the Ewing Halsell Foundation.